Universities Council of British Columbia

Tenth Annual Report
for the year ended March 31, 1984

August 14, 1984

The Honourable Patrick L. McGeer
Minister
Ministry of Universities, Science
and Communications
109 Parliament Buildings
Victoria, B.C.
V8V 1X4

Dear Mr. Minister,

I have the pleasure of submitting to you, in accordance with section 73 (a) of the University Act (1979), the Tenth Annual Report of the Universities Council for the year ended 31 March 1984.

The precipitous financial constraint which government has required of the universities has created serious strains. With the shortness of time to accommodate the very substantially reduced level of government funding the universities have had to take decisions in some cases on what can be done rather than what should be done in terms of meeting their ongoing teaching, research and community service responsibilities and standards.

Nevertheless, the universities have performed impressively in attempting to adjust in this year. Council has initiated a strategic planning project to assist the system in its development in the forthcoming years which portend a continuation of restrained resource levels.

Council maintains its steadfast view that the university system can be a vitally productive catalyst in the economic recovery of this Province. As such, our institutions, which for some time have borne their fair share of the restraint and continue to offer a pathway to a return to a pattern of growth, are legitimate and prudent claimants to increased support by the government.

Sincerely,

William C. Gibson, M.D., F.R.C.P.
Chairman

Universities Council of British Columbia, Str. 500, 805 West Broadway, Vancouver, B.C. V5Z 1K1 (604) 827-0245

Table of Contents

	Page
Governance Chart	1
The Council	2
Standing Committees of the Universities Council	5
Audited Financial Statements	9
The University System: Statistical Overview	13

Academic Programs, Degrees and Research Awards

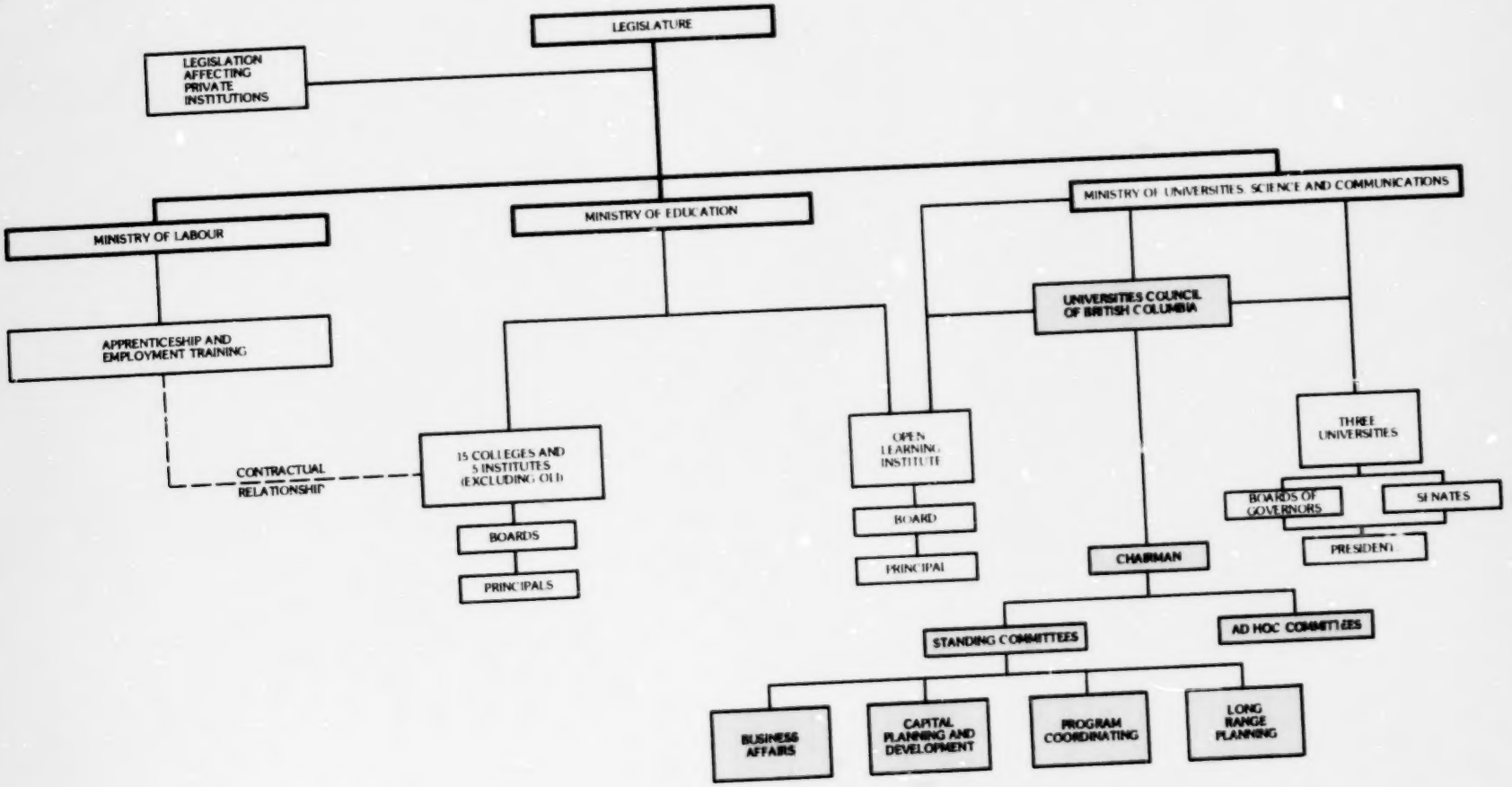
Table 1 — New Programs and Non-Metropolitan Programs	21
Table 2 — Degrees by Discipline	23
Table 3 — Research Awards by Discipline and Source of Funds	26

Student Enrolment, Facilities and Finance

Table 4 — Fall Headcount Enrolment	29
Table 5 — Full Time Equivalent Enrolment	31
Table 6 — University Debentured Capital Projects	32
Table 7 — Space Inventory	33
Table 8 — Operating Grants: Requested, Recommended and Provided	34

Historical Summaries

Table 9 — Fall Headcount Enrolment	37
Table 10 — Full Time Equivalent (FTE) Enrolment	38
Table 11 — Degrees Conferred	41
Table 12 — Research Awards	42
Table 13 — General Purpose Operating Grants: Requests and Allocations	43
Table 14 — University Operating Grants and Grants Per Weighted FTE Student	44
Table 15 — University General Purpose Operating Funds by Source	45
Table 16 — University Expenditure: General Operating and Other Funds	46
Table 17 — Authorized University Capital Borrowings	47
Table 18 — Interprovincial Comparisons	48



POSITION OF THE UNIVERSITIES COUNCIL IN THE GOVERNANCE OF POST-SECONDARY EDUCATION IN BRITISH COLUMBIA

The Council

The Council

The Universities Council, an independent Crown body, was organized in 1974 subsequent to the proclamation of the *Universities Act* (1974), later renamed the *University Act* (1979). In 1978, through Order-in-Council, the Council received its autonomous legal status and accordingly has developed its own administrative procedures.

The Council serves as an intermediary body between British Columbia's three public universities and the Provincial Government. Its purpose is to promote the systematic development of university education and to create public accountability for university expenditures. In 1979, the Ministry of Universities, Science and Communications extended Council's mandate to include (a) responsibility to review and approve the University Degree Program of the Open Learning Institute, Richmond, B.C. and, (b) responsibility to approve academic transfer programs and capital facilities offered at David Thompson University in Nelson, B.C.

The position of the Universities Council in the governance of post-secondary education in British Columbia is illustrated in the accompanying chart.

The Council is composed of eleven members, including its Chairman. Members are appointed by the Lieutenant-Governor-in-Council; however, no Council member can simultaneously serve as representative of government, as a university employee or student, or as a public servant in the Ministries of Universities or Finance. Members' terms of appointment are for three years, and are renewable for a similar period. Since October 1982 there has been one vacant Council position.

Members of the Universities Council

William C. Gibson, B.A.(Brit.Col.), M.Sc., M.D.(McGill), D.Phil.(Oxon), F.R.C.P.
Chairman

Dr. Gibson is a neurologist who trained with Dr. Wilder Penfield at McGill University. As head of the Kinsmen Laboratory of Neurological Research and later as Professor of the History of Medicine and Science at The University of British Columbia he has written over 100 scientific papers and six books. He has served as an alderman and parks commissioner for Vancouver, chairman of the Scientific Advisory Committee of Muscular Dystrophy, New York, and currently sits on the Council of the Rockefeller University in New York, on the Board of the International University Consortium in Maryland, and on the Mayor's Committee in Jerusalem. He is a Fellow of the Royal College of Physicians of London and an Honorary Fellow of Green College, Oxford.

David A. Freeman, B.A.(Brit.Col.), Q.C.
Vice Chairman

Mr. Freeman is a partner of the law firm of Freeman & Company. A graduate of Osgoode Hall, he has practiced law since 1937 and was appointed Queen's Counsel in 1969. He has been chairman of the Executive Committee of the British Columbia Research Council and served on the Senate of the University of British Columbia. Mr. Freeman is a past president of the Vancouver Institute and of the University Club of Vancouver.

Samuel Belzberg, B.Comm.(Alta.)

In addition to many and varied business activities, Mr. Belzberg has been very committed to a wide range of cultural, educational and philanthropic undertakings on a national as well as international level. A resident of Vancouver since 1968, Mr. Belzberg is chairman of the Board of First City Trust Company and president and chief executive officer of First City Financial Corporation Ltd.

S. Joseph Cunliffe, C.M., B.A.Sc.(Brit.Col.), Hon. LL.D.(U.ofVic.), P.Eng.

Dr. Cunliffe, a consulting engineer, is Chairman of the Board of Directors of De Leuw Cather, (Canada) Ltd., and Chairman of Willis, Cunliffe, Tait and Company Ltd. He is a Fellow of the Engineering Institute of Canada, and a Fellow of the Canadian Society for Civil Engineering. Appointed to the Board of Governors at the University of Victoria in 1971, he served as its chairman from 1973 to 1981. He is currently chairman of the Board of Directors of the University of Victoria Foundation. In service to the community, Dr. Cunliffe has been a chairman of the City of Victoria Advisory Planning Commission and was active in the development of the Victoria YM/YWCA and the Victoria Art Gallery.

Alan M. Eyre, B.A.Sc.(Brit.Col.), P.Eng.

Mr. Eyre was a founding member of the Board of Governors at Simon Fraser University and, most recently, has served on the Board of Governors at The University of British Columbia. In the past he was a member of the Universities Council's predecessor, the Financial Advisory Board. Mr. Eyre is past chairman of the Greater Vancouver Advisory Board to the Salvation Army and a lay representative on the Council of the Institute of Chartered Accountants of British Columbia. He is president of Dueck Chevrolet Oldsmobile Cadillac Ltd. and its affiliated companies, including Hemlock Valley Recreations.

Rendina Hamilton, B.A.(Tor.), LL.B.(Brit.Col.)

Mrs. Hamilton has been a school trustee, president of the B.C. School Trustees Association and a member of the Board of Governors at The University of British Columbia. She is presently a director of the B.C. Telephone Company and of the Registered Nurses' Association of B.C. She is a lawyer and resides in Kelowna.

George L. Morfitt, B.Comm.(Brit.Col.), F.C.A.

A chartered accountant, Mr. Morfitt is executive vice-president of The Diamond Group. Appointed to the Board of Governors at The University of British Columbia in 1975, he served as its chairman from 1977 to 1978. A former alderman for the Municipality of West Vancouver, Mr. Morfitt is past president of the Institute of Chartered Accountants of B.C., past chairman of the Sports Fund Advisory Committee to the Provincial Government and Canadian representative to the International Squash Rackets Federation.

Ray Parkinson, B.A.(Hons.), M.D.(Brit.Col.), F.R.C.P.

Dr. Parkinson, a Vancouver psychiatrist in private practice, is a former member of the provincial Legislative Assembly. He was appointed to the Board of Governors at Simon Fraser University in 1973, serving as its chairman from 1978 to 1981. Dr. Parkinson is currently chairman of the Vancouver Maritime Museum, a trustee of the Vancouver Museums and Planetarium Association and president of the B.C. Soaring Association which governs gliding in B.C. He is a trustee of Discovery Foundation, for High Technology.

G. Neil Perry, B.A.(Brit.Col.), Ph.D.(Harvard)

Dr. Perry is a former deputy minister of Education, dean of Commerce and Business Administration, and vice president at The University of British Columbia. In addition, he was director of the School of Public Administration at the University of Victoria. He has also held several senior posts in the World Bank and the International Monetary Fund.

John T. Sample, B.A., M.A., Ph.D. (Brit.Col.)

Dr. Sample is Executive Director of the Secretariat on Science, Research and Development. He is the past director of TRIUMF and a former chairman of the Department of Physics at the University of Alberta. He is a member of the Canadian Association of Physicists, the American Physics Society and the American Institute of Physics.

The Staff

Secretary to Council — Lee Southern, B.A., M.A(Man.), Ed.D.(Brit.Col.)

Financial Officer — R.A. (Sandy) Watson, B.A.(Western), C.A.

Academic Officer -- Monique Layton, B.A., M.A., M.A., Ph.D.(Brit. Col)

Financial Analyst — J. Robert Cowin, B.A.(Brit. Col.), M.P.A.(U. of Vic.)

Administrative Assistant — Barbara MacKenzie

Administrative Clerk — Karen D. Reay

Typist — Sharon L. Price

Receptionist — Linda Zaurrini (to December 1983)

Library Clerk (part-time) — Leslie Field

Universities Council

Standing Committees

Audited Financial Statements

The University System

Statistical Overview

Standing Committees of the Universities Council

Long Range Planning Committee

Membership:

Chairman:
David A. Freeman, Q.C.

Universities Council Representatives:
All Members of Council

Institutional Representatives:
Ronald R. Jeffels, Principal, Open Learning Institute
Dr. Douglas T. Kenny, President, University of British Columbia (to June 1983)
Dr. K. George Pedersen, President, University of British Columbia (from July 1983)
Dr. K. George Pederson, President, Simon Fraser University (to March 1983)
Dr. J.W. George Ivany, Acting President, Simon Fraser University (from April 1983 to August 1983)
Dr. William G. Saywell, President, Simon Fraser University (from September 1983)
Dr. Howard E. Petch, President, University of Victoria

Staff Representative:
Lee Southern

The purpose of the Long Range Planning Committee is to hold discussions on institutional roles, academic objectives, and long range financial and academic planning for the public universities of B.C. It is a committee-of-the-whole, and includes the Presidents of the three universities and the Principal of the Open Learning Institute.

In 1983-84, the work of the Committee focussed on the development of a strategic planning process. A project proposal was approved by Council in June 1983. The purpose of the Project was to recommend to Council policies and procedures which would assist in its role as an intermediary in higher education for coordinating the academic development of the universities, and to integrate operating and capital financial support with the academic plans of the system. A committee structure was established to oversee the Project under the chairmanship of Dr. S.J. Cunliffe. Representatives included officials from the Universities, the Open Learning Institute, the Ministry of Universities, Science and Communications and the Ministry of Education. A project manager, Dr. Kenneth Strand, was retained. A series of discussion papers were circulated for the purpose of identifying and synthesizing the thinking of the parties into a set of recommended policies and procedures for Council's consideration. A report on this phase of the Project was in the final stages of drafting at the close of the fiscal year.

Program Coordinating Committee

Membership:

Chairman:
Mrs. Rendina Hamilton, Q.C.

Universities Council Representatives:
David A. Freeman, Q.C.
George L. Morfitt (to July 1983)
Dr. John T. Sample (from August 1983)

Institutional Representatives:
Dr. A. Fischer, Vice President Academic, University of Victoria (to July 1983)
Murray Fraser, Q.C., Vice President Academic, University of Victoria (from August 1983)
Dr. Ian Mugridge, Dean of Academic Affairs, Open Learning Institute
Dr. J.M. Munro, Vice President Academic, Simon Fraser University
Dr. R.H.T. Smith, Vice President Academic, University of British Columbia

Staff Representative
Dr. Monique Layton

The legislated purpose of the Program Coordinating Committee is to advise Council on all matters pertaining to programs. The Committee has developed a set of Program

Guidelines which serves chiefly to detail the procedures by which all new undergraduate and graduate programs are submitted for Committee evaluation.

The role of the Program Coordinating Committee is to:

1. Evaluate new program proposals presented by:
   (a) the public universities (namely The University of British Columbia, the University of Victoria and Simon Fraser University) in accordance with 69(c) and (o)(ii) of the University Act (1979), and
   (b) the Open Learning Institute, in accordance with Part 2, section 2(1)(f) of the College and Institute Act (1979)

   and make recommendations to the Universities Council on these proposals.
2. Review existing university programs to:
   (a) identify the special areas of interest and expertise in each of the universities;
   (b) develop plans to reduce unnecessary duplication.
3. Identify areas in which inter-university cooperation appears desirable.
4. Consult with relevant agencies, in order to rationalize the delivery of university level programs throughout the Province.
5. Assist the institutions in their coordination of the delivery of distance education programs to the non-metropolitan areas of British Columbia.
6. Examine the role of the universities in the development of in-service training and re-training for the professions.
7. Study and make recommendations to the Universities Council on such matters as may be referred to the Committee from time to time by the universities or by the Council.

During the course of new program evaluation, the Commmittee applies several criteria. In particular, members are concerned that a new program be both academically and economically viable, and not duplicate unnecessarily an existing program. Members are also interested in the availability of employment opportunities for program graduates. The Committee retains outside consultants to complete evaluations of particularly specialized or controversial program proposals.

During 1983-84, the Committee reviewed eight program proposals from the universities (details of programs approved by the Universities Council upon the recommendation of the Program Coordinating Committee are contained in Table 1.1). With the exception of two engineering programs which are currently funded by special government grant, these new program proposals were not accompanied by a request for additional funds.

The Program Coordinating Committee made recommendations to Council on university programs offered in non-metropolitan areas. It is assisted in the preliminary stage of program selection by an advisory sub-committee composed of Dr. J. Blaney (SFU); Dr. G. Farrell (U.Vic.); Dr. I. Mugridge (OLI); Dr. R.H.T. Smith (UBC); and when required, Ms. K. Forsythe (KNOW). It is further assisted in formulating its recommendations to Council by four consultants appointed to advise on the needs and concerns of the various areas they represent. They are: Dr. L. Ball (Trail); Mrs. R. Rushat (Prince George); Mr. R. Sharman (Kamloops); Mr. A. Unruh (Cecil Lake).

The Committee approved a number of professional development programs and credit courses to be offered in non-metropolitan areas in 1984-85, several of which were developed for delivery through the Knowledge Network (details contained in Table 1.2).

The Committee currently has several topics under consideration: the training and research activities of the Faculties of Education, the coordination of non-metropolitan programs and distance education, the discontinuation of university programs.

Capital Planning and Development Committee

Membership:

Chairman:
Dr. S. Joseph Cunliffe

Universities Council Representatives:
Alan M. Eyre
Dr. John T. Sample

Institutional Representatives:
A. Bruce Gellatly, Vice President Finance, University of British Columbia (from February 1984)
Dr. James M. Kennedy, Vice President University Services, University of British Columbia
J. Trevor Matthews, Vice President Administration, University of Victoria
Robert W. McQueen, Vice President Administration, University of Victoria
Dr. Ernest M. Scott, Executive Director of Finance, Simon Fraser University
Dr. Michael Shaw, Vice President Academic, University of British Columbia (to June 1983)
George Suart, Vice President Administration, Simon Fraser University

Corresponding Member:
James H. Reed, Project Manager, Universities Division, Ministry of Universities, Science and Communications

Staff Representative:
J. Robert Cowin

The legislated purpose of the Capital Planning and Development Committee is to review and advise Council on all matters pertaining to universities' capital expenditures. Capital matters include reference to new building projects, public works and renovations projects, and equipment.

The Committee's activities are guided in part by the British Columbia *Educational Institution Capital Finance Act* (1979 RS Chap. 102), which makes it possible to finance capital projects through long-term borrowing rather than through annual cash grants.

During 1983-84, the Committee's major activity concerned the Five Year Capital Plan. Each university submits a list of new capital projects needed over the next five years in order to fulfill its academic and community service goals. The Committee reviews these submissions, evaluating the necessity, scope, and cost of the proposed projects. It then advises Council about the proposals and assists Council in establishing priorities for the entire university system.

The updated Five Year Capital Plan which was submitted by Council to the Minister of Universities, Science and Communications differed only marginally from the previous year's submission. In the current period of financial restraint, the government is approving the construction of very few facilities for the universities. Thus the capital needs of the universities remained relatively unchanged. Further information about the top priority projects from a system perspective was provided to the Minister as a supplement to the Plan.

The annual Space Inventory and Entitlement Report was updated. This planning exercise permits comparisons to be made between the amounts of various categories of space presently at each university and the needed amounts suggested by general norms for different enrolment levels and program mixes. Not intended for the evaluation of specific buildings, it establishes a campus-wide context of over-all space needs. Simon Fraser University again had a significant overall space shortfall.

In 1983-84, the Committee did not undertake on Council's behalf the in-depth examination of any additional projects for the purpose of recommending to government that funds be provided for them. (The presence of a project in Council's Five Year Capital Plan does not constitute the Council recommendation required under the British Columbia *Educational Institution Capital Finace Act*).

The review of the capital planning process which had been initiated towards the end of the 1982-83 fiscal year evolved into a planning exercise which is broader in range than just capital development. The Strategic Planning Project is thus reported under the activities of the Long Range Planning Committee.

Business Affairs Committee

Membership:

Chairman:
Dr. G. Neil Perry (to July 1983)
George L. Morfitt (from August 1983)

Universities Council Representatives:
Samuel Belzberg
David A. Freeman, Q.C.
Dr. Ray Parkinson

Institutional Representatives:
Allan Baxter, Acting Vice President Finance, University of British Columbia (from July 1983)
A. Bruce Gellatly, Vice President Finance and Administration, University of British Columbia (from February 1984)
Robert W. McQueen, Vice President Finance, University of Victoria
Dr. Howard E. Petch, President, University of Victoria
Sid Segal, Bursar and Dean of Administration, Open Learning Institute
Dr. Michael Shaw, Vice President Academic & Provost, University of British Columbia (to June 1983)
George Suart, Vice President Administration, Simon Fraser University
William White, Vice President and Bursar, University of British Columbia (to June 1983)

Staff Representative:
R.A. (Sandy) Watson

The legislated purpose of the Business Affairs Committee is to advise Council on financial matters, with primary emphasis on the budgets of the public universities and of the university programs ofthe Open Learning Institute.

With the lateness of the provincial budget, the 1983/84 appropriations to the university system were not made until August 9, over four months into the fiscal year. This delay and other developments necessitated modifications to past procedures surrounding the preparation and submission (by August 15) of university budget estimates for the following fiscal year, their subsequent review by the committee and the preparation of Council's funding recommendation to government.

In September, at the time of Council's meetings with the universities' Boards of Governors, the operating budgets for 1983/84 had not been approved at two of the universities and at the third a reassessment of their interim budget was underway. While one university had filed its 1984/85 budget request in the traditional format, with reference to its 1983/84 interim budget, the other universities had each provided a preliminary summary of their additional requirements for 1984/85.

A further budget submission development this year occurred in late September when the Ministry asked for an assessment of the potential impact of two constrained funding possibilities for a three year period commencing with 1984/85. In mid-October, financial representatives of the universities, Council and Ministry staff met with Treasury Board staff to review background information on past trends and to present a paper on the potential impact of the constrained funding possibilities.

In early December, at the Minister's request, Council consulted with the university presidents to advise the Minister of the universities' plans in accommodating an anticipated operating grant in fiscal 1984/85 equal to 94 percent of the operating grant in 1983/84.

Total funding voted for universities is outlined annually in the *Estimates* of Government. The vote total for fiscal year ending 31 March 1984 includes the following:

	Estimates 83/84
University Operating Grants Program	$300,993,292
Operating Grants (Other)	13,752,708
Capital Support Program	28,738,486
Student Financial Aid	9,344,000
Universities Council	566,000
	$353,394,486

Operating Grants (Other) provide support for a range of specific purpose activities identified for separate funding by the Ministry. Summary information comparing operating grant funding levels requested by the institutions, recommended by Council and provided by Government appears in Table 8.

Audited Financial Statements

Auditors' Report

The Members
Universities Council

We have examined the statement of financial position of the Universities Council as at March 31, 1984 and the statement of revenue and expenditure and fund balance for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Council as at March 31, 1984 and the results of its operations for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

MORGAN & COMPANY
Chartered Accountants

Vancouver, Canada
July 5, 1984

UNIVERSITIES COUNCIL
STATEMENT OF FINANCIAL POSITION
MARCH 31, 1984

	1984	1983
ASSETS		
Cash	$ 17,065	$ 23,601
Short term deposits	190,000	275,000
Accrued interest receivable	1,255	
Account receivable	1,360	
Furniture and equipment (Note 1)		
	209,680	298,601
Funds held for external organizations and others (Note 3)	136,370	94,748
	$346,050	$393,349
LIABILITIES		
Accounts payable	$ 26,252	$ 25,455
Funds held for external organizations and others (Note 3)	136,370	94,748
UNEXPENDED OPERATING FUNDS		
Unappropriated	42,683	273,146
Appropriated	140,745	
	183,428	273,146
	$346,050	$393,349

Approved on behalf of the Universities Council

Chairman

Vice Chairman

UNIVERSITIES COUNCIL
STATEMENT OF REVENUE AND EXPENDITURE AND FUND BALANCE
FOR THE YEAR ENDED MARCH 31, 1984

	1984	1983
REVENUE		
Grant — Province of British Columbia	$566,000	$629,000
Interest earned	22,174	33,867
Other Income	28	
	588,202	662,867
EXPENDITURE		
Recurring		
Members' per diems	75,000	82,450
Employees' remuneration	271,800	259,522
Employee benefits	41,199	34,167
Travel, meetings and conferences	51,503	66,490
Administrative, office and library	57,201	60,804
Space rental, Vancouver and Victoria	73,468	75,662
	570,171	579,095
Non-recurring		
Fees — independent consultants	34,494	18,688
Grants and subsidies	17,000	13,500
Furniture and equipment (Note 1)		11,897
Outlook conference		17,630
Staff recruitment and relocation		812
	51,494	62,527
	621,665	641,622
EXCESS (DEFICIENCY) OF REVENUE OVER EXPENDITURE	(33,463)	21,245
UNAPPROPRIATED FUND BALANCE, beginning of year	273,146	251,901
	239,683	273,146
Appropriation from fund balance	(197,000)	
UNAPPROPRIATED FUND BALANCE, end of year	$ 42,683	$273,146
APPROPRIATED FUND BALANCE, beginning of year		
Appropriation established	$197,000	
Expenditure — Strategic Planning Project	56,255	
APPROPRIATED FUND BALANCE, end of year	$140,745	

UNIVERSITIES COUNCIL
NOTES TO FINANCIAL STATEMENTS
MARCH 31, 1984

1. ACCOUNTING POLICY

Office furniture and equipment purchases are charged to expenditures when purchased. The cumulative cost of office furniture and equipment charged to expenditures amounts to $49,265 (1983 — $49,265).

2. EXCESS OF REVENUE OVER EXPENDITURE

The Universities Council is an agent of the Crown in right of the Province of British Columbia. As such no income taxes are payable on any excess of revenue over expenditure.

3. FUNDS HELD FOR EXTERNAL ORGANIZATIONS AND OTHERS

The Universities Council acts as recipient and disbursing agent of grant funding provided by the Ministry of Universities, Science and Communications for certain external organizations and for designated projects or activities.

4. COMMITMENT

The Universities Council has leased realty at an annual cost of approximately $67,000 to September 30, 1984.

5. STATEMENT OF CHANGES IN FINANCIAL POSITION

A Statement of Changes in Financial Position has not been prepared as its inclusion with these financial statements would not be meaningful.

The University System: Statistical Overview

Introduction

Certain activities and decisions in which Council was engaged in 1983/84 relate to programs and finances for 1984/85. Events may transpire in 1984/85 which may affect or modify these recommendations.

All tables in this report refer to the fiscal year (April 1 through March 31) unless otherwise noted. When the focus is on the non-financial activities, Council may use an academic year beginning either on July 1 or September 1.

Tables which provide a historical perspective appear after the more detailed current tables.

The reference sources and explanatory notes form an integral part of the tables.

Enrolment — Definitions

Headcount

For **undergraduates**, full-time refers to a student enrolled for 12 or more units or semester hours of credit. Students with less than 12 units are defined as part-time.

For **graduates**, full-time refers to a student who fulfills certain conditions associated with his or her studies, including not being regularly employed for more than an average of 12 hours per week. Part-time graduate students are defined as active graduate students other than those who are full-time.

Full Time Equivalent (FTE)

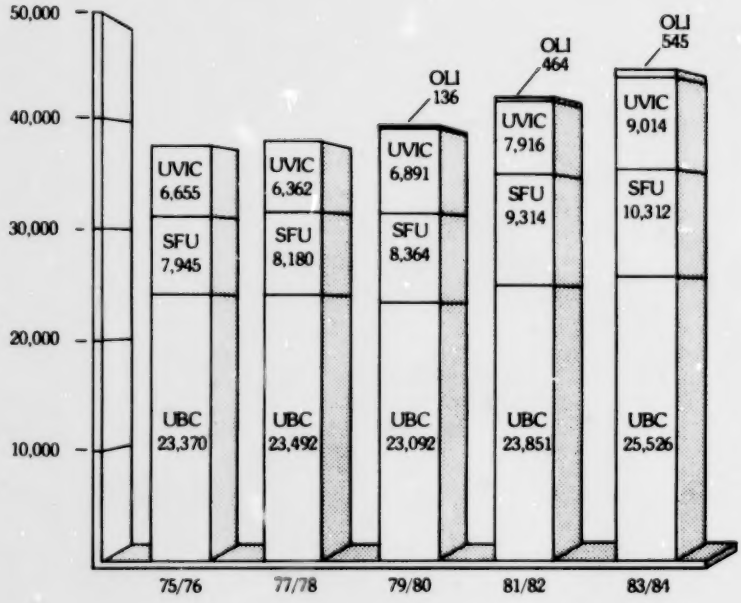
For **undergraduates**, FTE represents the equivalent of a 'normal' full-time course load. Units or semester hours of credit taken by all students (both full and part-time) in a given program and year level are divided by the applicable full-time course load to determine FTE enrolment. The undergraduate total represents the sum of the calculated FTE of all programs and course levels.

For **graduates**, full-time students are included as 1.0 FTE and part-time students as .33 FTE.

Fiscal year enrolment covers the registration of full and part-time students for summer and winter sessions and the three semesters at Simon Fraser University coinciding with the fiscal year ended March 31.

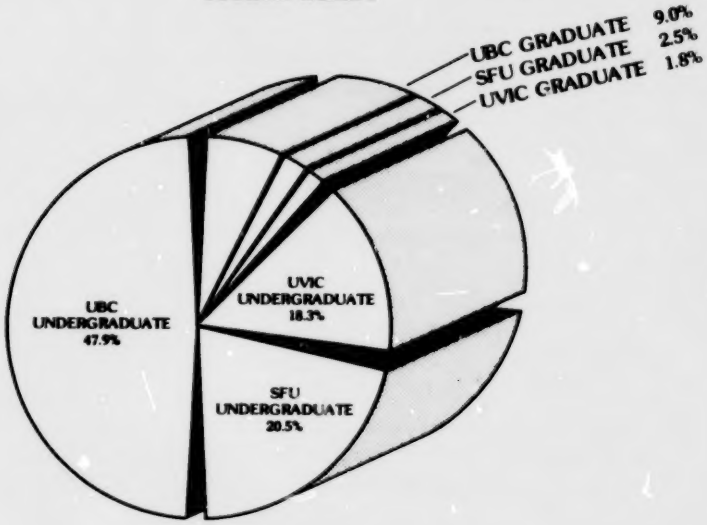
FISCAL YEAR FULL TIME EQUIVALENT ENROLMENT BY UNIVERSITY, INCLUDING UNIVERSITY PROGRAMS AT THE OPEN LEARNING INSTITUTE

SOURCE: TABLE 10.2



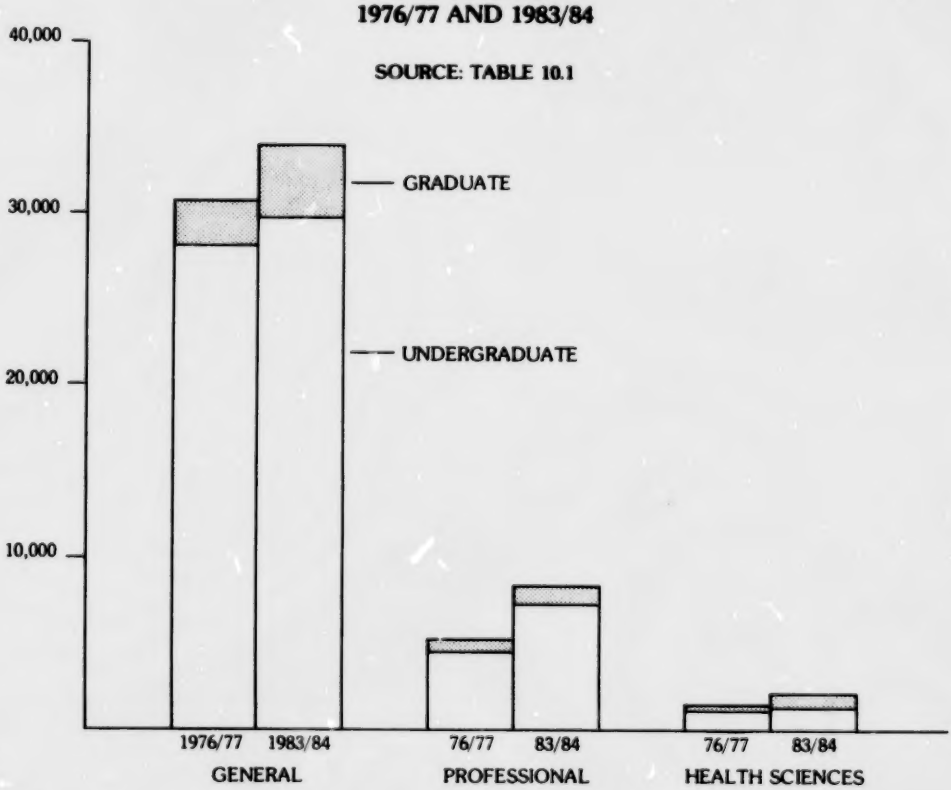
FISCAL YEAR FULL TIME EQUIVALENT ENROLMENT UNDERGRADUATE AND GRADUATE BY UNIVERSITY 1983/84

SOURCE: TABLE 5



FISCAL YEAR FULL-TIME EQUIVALENT ENROLMENT BY PROGRAM 1976/77 AND 1983/84

SOURCE: TABLE 10.1



Enrolment

Growth in enrolment at the undergraduate and graduate levels continued at each university during 1983/84. The number of students, both full and part-time, registered for courses in fall 1983 amounted to 52,345 an increase of 1,887 students over the previous year. The number of full-time students grew by 2,086 (6.1 percent) while part-time student numbers declined for the first time in recent years by 199 (1.2 percent).

Full time equivalent (FTE) enrolment in university programs of the Open Learning Institute and in the three public universities amounted to 45,397, an increase of 1,543 (3.5 percent) over the previous year. Graduate enrolment increased almost 7 percent while undergraduate enrolment grew by 3 percent.

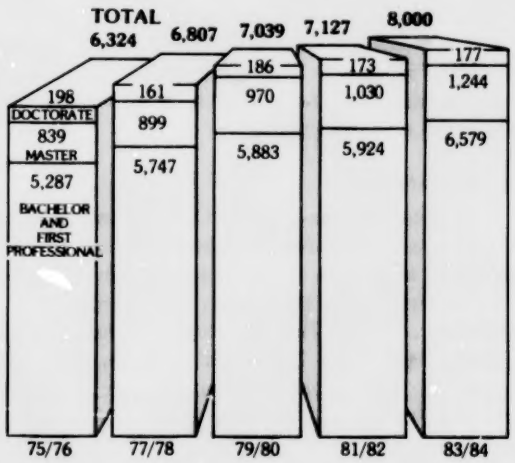
Enrolment in graduate studies in 1983/84 accounted for just over 13 percent of total FTE enrolment, up from just over 10 percent in 1975/76. Part-time students in 1983 accounted for just over 30 percent (32 percent in 1982) of total fall headcount, up from just over 22 percent in 1975.

The accompanying figures illustrate trends in enrolment while more detailed information on current and past enrolment levels and trends is provided in Tables 4 and 5 and in Tables 9 and 10 in the historical summary section.

Degrees

A total of 8,000 degrees were conferred by the three public universities for the academic year ending in 1984, an increase of 513 (6.9 percent) over the previous year. In addition, 265 diplomas, certificates and other undergraduate credentials were awarded, up from 248 in the previous year.

DEGREES CONFERRED BY TYPE
SOURCE: TABLE 11



Undergraduate and first professional degrees increased by 475 to 6,579, with the greatest growth occurring in the disciplines of commerce and administration, health sciences and the sciences.

The accompanying figure illustrates the growth trend by degree type. Table 2 provides additional current information while Table 11 provides historical summary information on degrees conferred.

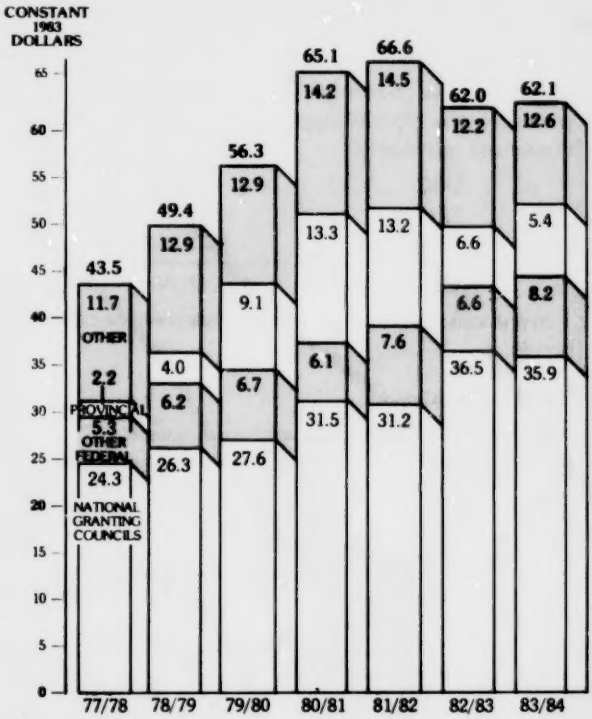
Research

Research grants and contracts awarded the three British Columbia universities amounted to $62.1 million for the year ended March 31, 1984, an increase of $3.5 million (5.9 percent) over the previous year.

Funding provided by the National Granting Councils and the Federal Government presently accounts for 71 percent of the total. With more than $24 million in awards, the natural sciences continue to receive the largest share of the total.

The accompanying figure, expressed in constant 1983 dollars, illustrates the growth trends in support for research by major source of funds. Table 3 provides additional current information on sources of funding, areas of research for the university system and amplification by university, while Table 12 provides historical summary information.

RESEARCH AWARDS FOR BRITISH COLUMBIA UNIVERSITIES
CONSTANT 1983 DOLLARS
SOURCE: TABLE 12



Facilities

University Debentured Capital Projects

In 1977/78, the provincial government introduced a system of debenture financing of university capital projects, largely replacing the previous system of cash grants. Most university capital projects are now being financed with money borrowed from the British Columbia Educational Insitutions Capital Financing Authority (BCEICFA) over a twenty year term. These are the capital projects which are the primary concern of the Universities Council.

University borrowing authorizations issued through BCEICFA during the 1983/84 fiscal year totaled approximately $9.7 million, up from $6.6 million in 1982/83 but down significantly from the approximately $45 million in 1981/82. Public works and renovations authorizations constituted $4.0 million of the $9.7 million in borrowing authorizations in 1983/84.

As of 31 March, 1984, the authorized level of cumulative capital borrowing totaled $196.4 million. Detail on borrowing authorizations issued in 1983/84, along, with cumulative totals by university, appears in Table 6.

Special Appropriations

On 22 March 1984, the University of Victoria Special Appropriations Act received royal assent. This act provided for a $16 million cash capital grant to be deposited in the provincial treasury in support of the Science and Engineering Complex at the University of Victoria, upon which the University can draw.

Equipment

The provincial government provided the following cash grants from the 1983/84 Operating Grants-Other subvote to purchase equipment:

UBC	$ 750,000
SFU	275,000
UVIC	225,000
SYSTEM TOTAL	$1,250,000

In previous years the finding source has been the capital budget.

Project Completions

During this same period, several projects were sufficiently completed that they could be brought into use:

UNIVERSITY	PROJECT	AUTHORIZED BORROWING THROUGH BCEICFA
UBC	Psychology Building	$12,150,000
	St. Paul's Hospital, Stage 1	$ 2,897,326
SFU	Multi-Purpose Complex Extension	$ 5,924,000
UVIC	None	

In addition, some existing buildings were renovated, a number of public works were completed, and some other projects were completed without the use of provincial capital funds, e.g. UBC bookstore.

Space Inventory

Detail from the most recent space inventory, amounting to 5,567,000 net assignable square feet for the university system, together with profiles by age and by space category appears in Table 7.

Finance

British Columbia Universities

Preliminary audit statement figures of the three universities for fiscal year 1983/84 suggest that general purpose operating funds for the system will amount to $357.7 million, a net increase of $3.2 million (0.9 percent) over the restated figures of the previous year.

With the 1983/84 general purpose operating grant remaining unchanged from the reduced 1982/83 level, the increase is represented solely by external (non-governmental) sources of revenue. An increase in student fee revenue of $4.9 million (11 percent) and an overall reduction of $1.7 million in the level of investment income and all other external revenues for the system account for the net increase.

Presently, the general purpose operating grant from the provincial government accounts for 84.1 percent of the 1983/84 operating revenue of the university system. Table 15 sets out additional information and a comparison with previous years.

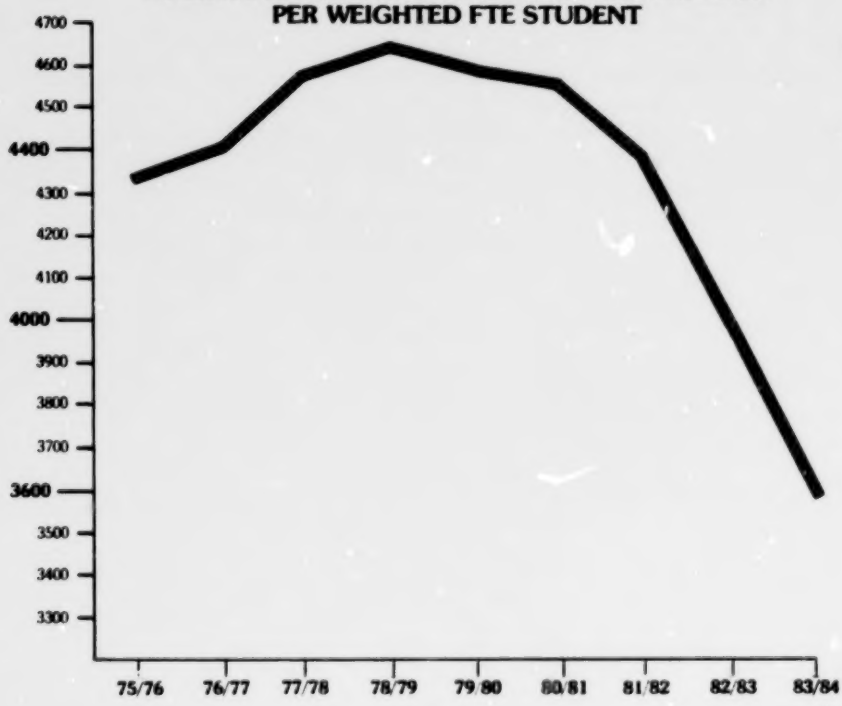
In addition to the General Purpose Operating Grant, the provincial government provides designated funding as Operating Grants (Other) for specific purpose activities. Table 8.2 details the overall level of $310.5 million in provincial operating grant support provided to the university system in 1983/84. Table 14 provides summary information on the current and past levels of these university operating grants and expresses them in terms of grants per weighted FTE student in constant dollars. Excluding the Open Learning Institute, the trends are graphically illustrated in the accompanying figures.

Trend Analysis

The three public universities of B.C., members of the Canadian Association of University Business Officers (CAUBO), provide financial data for the annual CAUBO publication *Financial Statistics of Universities and Colleges*, prepared by Statistics Canada. This information also forms the basis of University Finance Trend Analysis publications of the Education, Science and Culture Division of Statistics Canada. Table 16, University Expenditures: General Operating and Other Funds, for British Columbia universities is based on the most recent (April 1983) publication.

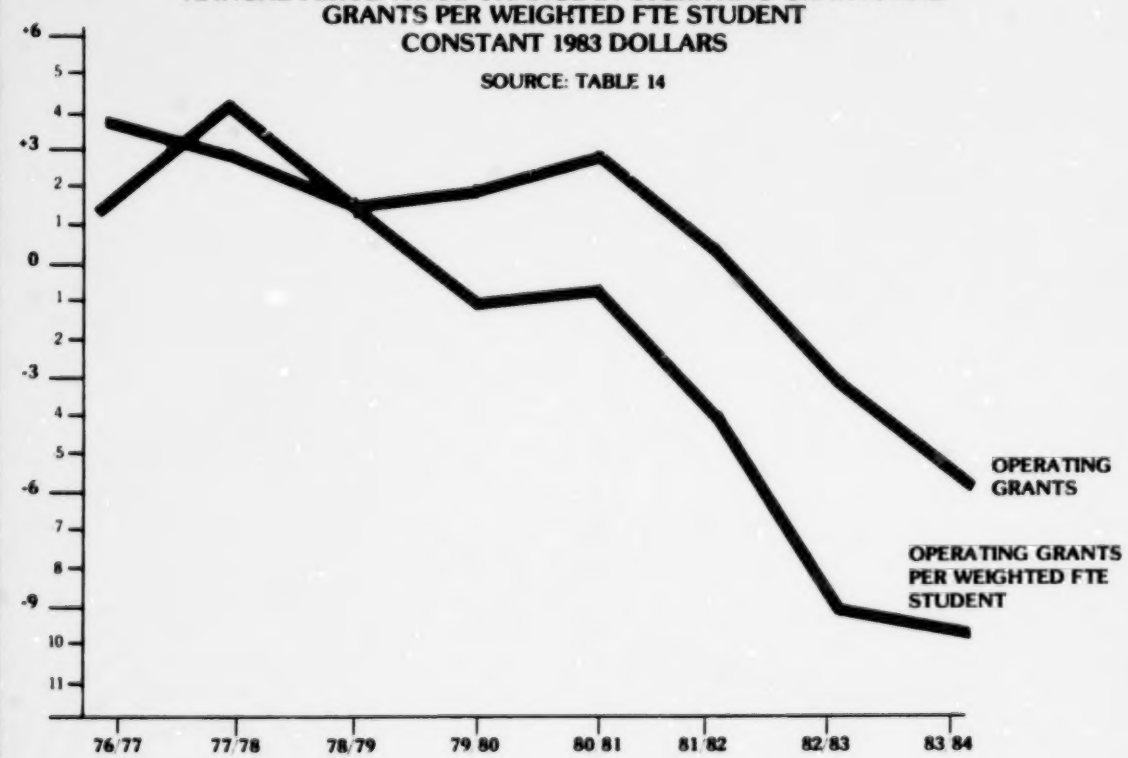
OPERATING GRANTS IN CONSTANT 1983 DOLLARS PER WEIGHTED FTE STUDENT

SOURCE: TABLE 14



ANNUAL PERCENTAGE CHANGE IN OPERATING GRANTS AND GRANTS PER WEIGHTED FTE STUDENT CONSTANT 1983 DOLLARS

SOURCE: TABLE 14



It has been supplemented with fiscal year 1982/83 information from published CAUBO reports. Further summary information on 5 year and selected 10 year historical trends in university finance by province for those institutions who have reported in each of the years may be obtained from the Statistics Canada publication *University Finance — Trend Analysis, 1972/78 to 1981/82.*

Interprovincial Comparison

Established in Ontario in 1977, the Tripartite Committee on Interprovincial Comparisons has developed a framework within which interprovincial comparisons of university financial data can be made. Eight specific indicators have been selected as being useful in answering three major questions: how much financial support is provided to universities, how does university financing fit into the government's priorities, and what proportion of provincial resources is directed towards university financing?

Provincial data since 1974/75 has been provided to the Committee. Only two of the eight specific indicators appear in Table 18, the Interprovincial Comparison table. Further information, other indicators, analysis and source reference may be obtained from the Committee's fifth report (published by the Ontario Council on University Affairs). British Columbia figures include the university transfer program portions of the B.C. Community College system as well as the three public universities.

Academic Programs, Degrees and Research Awards

TABLE 1.1

NEW PROGRAMS 1983/84

New Programs Approved by UCBC

(during academic year July 1, 1983 to June 30, 1984)

Program Area	University of British Columbia	Simon Fraser University	University of Victoria	Open Learning Institute
Health Sciences	M.Sc. and Ph.D. in Neuroscience M. Health Science			
Engineering			B.Eng. in Electrical Engineering and B.Eng. in Computer Engineering	
Science	B.Sc.(Hon) in Applied Physiology Physiology and B.Sc.(Hon) in Sports Science		Combined B.Sc. Major in Physics and Astronomy	
Humanities/ Social Sciences		M.A. in Women Studies		B.General Studies (under review)

TABLE 1.2

PROGRAM APPROVALS MADE IN 1983/84 FOR NON-METROPOLITAN AREAS

(for delivery in 1984/85, subject to available funding)

UNIVERSITY OF BRITISH COLUMBIA	
Education	
Undergraduate credit courses	
Graduate credit courses	
Native Indian paraprofessional training program	
Professional Development	
Development of KNOW programs	
Nursing	
BSN Outreach program for registered nurses	
Critical Care Nursing	
Health Sciences: Professional Development	
Agriculture: Credit courses & Professional Development	
Forestry: Credit courses & Professional Development	
Other (Architecture, Support services, etc.)	
UBC request approved by Council:	$1,371,359
SIMON FRASER UNIVERSITY	
Education	
Undergraduate credit courses	
(on-site, satellite, DISC)	
Graduate credit courses	
Native Teacher Education Programs (credit)	
Professional Development	
Criminology (credit courses)	
Kinesiology (credit courses)	
Arts (credit courses)	
Science (credit courses)	
Various (Credit & Professional Development:	
Gerontology, Business Administration, etc.)	
SFU request approved by Council:	$1,236,722
UNIVERSITY OF VICTORIA	
Education	
Undergraduate credit courses	
Graduate credit courses	
Native Indian Education Programs (credit)	
Professional Development	
Administration	
Diploma in Public Sector Management	
Credit Courses	
Professional Development	
Arts and Science	
B.A. (Malaspina)	
Arts & Science credit courses	
Computer Based Information Systems program	
Social Work (professional development & B.S.W.)	
Child Care (professional development & credit)	
Nursing (professional development & credit)	
Other (Fine Arts, Humanities Services, etc.)	
UVic request approved by Council:	$1,267,184
Total university request approved by Council:	$3,875,265

TABLE 2.1

DEGREES BY DISCIPLINE

Academic Year Ending In 1984

(with 1983 totals for comparison)

	UBC	SFU	UVIC	1984 TOTAL	1983 TOTAL
APPLIED SCIENCES					
Bachelor*	599			599	577
Master	130	14		144	104
Doctorate	18			18	27
COMMERCE AND ADMINISTRATION					
Bachelor*	408	317		725	631
Master	126	28	45	199	198
Doctorate					1
EDUCATION					
Bachelor*	536	73	236	845	841
Master	201	61	110	372	417
Doctorate	19	3	2	24	7
FINE ARTS					
Bachelor*	128	16	126	270	255
Master	33		24	57	41
Doctorate					
HEALTH SCIENCES					
Bachelor*	455	33	76	564	496
Master	38	7		45	56
Doctorate	13	2		15	8
HUMANITIES & SOCIAL SCIENCES					
Bachelor*	1043	465	630	2138	1989
Master	172	73	36	281	267
Doctorate	28	13	2	43	51
SCIENCES					
Bachelor*	537	156	158	851	766
Master	85	15	9	109	107
Doctorate	51	11	9	71	54
SOCIAL PROFESSIONS					
Bachelor*	124	68	94	286	298
Master	23	5		28	40
Doctorate					
INTERDISCIPLINARY AND OTHER*					
Bachelor*		246	55	301	251
Master	4	5		9	
Doctorate	5	1		6	5
TOTAL	4776	1612	1612	8000	7487
Bachelor and first professional	3830	1374	1375	6579	6104
Master	812	208	224	1244	1230
Doctorate	134	30	13	177	153

*Other includes degrees of students with joint majors in more than one of the above broad discipline groupings.

*Including first professional degree.

In addition, the following diplomas, certificates and other undergraduate credentials were awarded:

126	94	45	265	248

Historical summary appears in Table 11.

TABLE 2.2

GRADUATE DEGREES BY DISCIPLINE

Academic Year Ending In 1984

A zero indicates a program from which no student graduated in 1983/84.
A blank indicates that no program is offered.
Master (M) Doctorate (D)

	UBC		SFU		UVIC		TOTAL	
	M	D	M	D	M	D	M	D
APPLIED SCIENCES								
Agricultural Economics	4						4	
Agricultural Mechanics	1						1	
Animal Science	3	1					3	1
Architecture	2						2	
Bio-Resource Engineering								
Chemical Engineering	6	3					6	3
Civil Engineering	38	3					38	3
Clinical Engineering	2						2	
Electrical Engineering	12	3					12	3
Engineering Physics	1						1	
Food Science	6						6	
Forest Entomology								
Forestry	13	4					13	4
Geological Engineering								
Mechanical Engineering	9	1					9	1
Metallurgy	3						3	
Metallurgical Engineering	11						11	
Mineral Engineering								
Mining & Mineral Process Engineering	3						3	
Pest Management			14				14	
Plant Science	4	3					4	3
Poultry Science	5						5	
Soil Science	7						7	
Sub-total	130	18	14				144	18
COMMERCE & ADMINISTRATION								
Business Administration	126		28				154	
Commerce								
Public Administration					45		45	
Sub-total	126	0	28		45		199	0
EDUCATION								
Education	189	19	61	3	104	2	354	24
Physical Education	12				6		18	
Sub-total	201	19	61	3	110	2	372	24
FINE ARTS								
Creative Writing	6						6	
Fine Arts	7				8		15	
Music	16				12		28	
Theatre	4				4		8	
Sub-total	33	0			24		57	0
HEALTH SCIENCES								
Anatomy	1						1	
Audiology and Speech	13						13	
Dental Science	1						1	
Health Sciences Planning	7						7	
Kinesiology			7	2			7	2
Neurological Sciences								
Nursing	6						6	
Pathology	3	5					3	5
Pharmaceutical Sciences	4	6					4	6
Pharmacology	1	2					1	2
Physiology	1						1	
Psychiatry	1						1	
Surgery								
Sub-total	38	13	7	2			45	15

TABLE 2.2 (page 2)

	UBC		SFU		UVIC		TOTAL	
	M	D	M	D	M	D	M	D
HUMANITIES & SOCIAL SCIENCES								
Anthropology	5	3			2		7	3
Archaeology			3	2			3	2
Asian Studies	1						1	
Classics	1	1			1		2	1
Communication			4	1			4	1
Comparative Literature	2	1					2	1
Economics	20	4	16	4	3		39	8
English	15	4	8		9		32	4
French	4		7				11	
Geography	10	3	7	1	2		19	4
German	3				1		4	
Hispanic/Italian	4						4	
History	7	2	1		4		12	2
Law	7						7	
Librarianship	52						52	
Linguistics			1		4		5	
Philosophy		1	1				1	1
Planning	18	1					18	1
Political Science	7	2	1		2		10	2
Psychology	10	4	11	4	6	2	27	10
Religious Studies	3						3	
Resource Management			10				10	
Slavonics/Russian								
Sociology	3	2			2		5	2
Sociology & Anthropology			3	1			3	1
Sub-total	172	28	73	13	36	2	281	43
SCIENCES								
Astronomy	2						2	
Biochemistry	2	4				2	2	6
Biochemistry & Microbiology								
Biogeography								
Biological Sciences & Biology		1	2	7	3	2	5	10
Botany	4	4					4	4
Chemistry	7	14		3	1	3	8	20
Computer Science	17	1			1		18	1
Genetics	1	1					1	1
Geological Sciences	6	2					6	2
Geophysical Sciences	6						6	
Mathematics	6	5	9		2		17	5
Microbiology	6	5					6	5
Nuclear Chemistry								
Oceanography	2	2					2	2
Organic Chemistry								
Physics	9	6	4	1	2	2	15	9
Statistics	1						1	
Zoology	16	6					16	6
Sub-total	85	51	15	11	9	9	109	71
SOCIAL PROFESSIONS								
Criminology			5				5	
Human Nutrition								
Social Work	23						23	
Sub-total	23	0	5				28	0
OTHER								
Interdisciplinary/Special arrangement/Late entries	4	5	5	1			9	6
Sub-total	4	5	5	1	0	0	9	6
GRAND TOTAL	812	134	208	30	224	13	1244	177

TABLE 3.1

RESEARCH AWARDS BY DISCIPLINE AND SOURCE OF FUNDS

Summary For University System

(with 1982/83 figures for comparison)

Reference: University submissions to the Province of British Columbia's Secretariat on Science, Research and Development

DISCIPLINE / SOURCE	National Granting Councils	Federal Government	Provincial and Local Government	Canadian Companies & Foundations	U.S. and Other Foreign	University Budget	Total
Natural Sciences...	18,905,883	1,758,269	1,070,669	1,619,313	527,857	278,939	24,160,930
Health Sciences....	6,821,276	1,581,187	2,812,177	6,156,086	963,144	27,929	18,361,799
Applied Sciences...	3,746,864	3,075,704	1,204,518	865,294	174,922	44,359	11,111,661
Social Sciences....	3,626,832	1,613,852	324,554	975,127	158,250	517,834	7,216,449
Humanities.....	591,172	31,000	0	76,397	0	159,603	858,172
Other.....	184,246	122,817	5,736	0	4,865	36,054	353,718
TOTALS (83/84).....	35,876,273	8,182,829	5,417,654	9,692,217	1,829,038	1,064,718	62,062,729
TOTALS (82/83).....	34,516,501	6,282,917	6,274,476	7,852,812	2,343,012	1,313,180	58,582,898

CHANGES IN LEVEL OF RESEARCH AWARDS
(1983/84 over 1982/83)

Amount	%		Percent of Total 82/83	Percent of Total 83/84
		BY SOURCE		
$1,359,772	3.9	National Granting Councils	58.9%	57.8%
1,899,912	30.2	Other Federal Government	10.7	13.2
- 856,822	-13.7	Provincial and Local Government	10.7	8.7
1,839,405	23.4	Canadian Companies and Foundations	13.4	15.6
- 513,974	-21.9	U.S. and Other Foreign	4.0	3.0
- 248,462	-18.9	University Budget	2.3	1.7
$3,479,831	5.9%		100%	100%
		BY DISCIPLINE		
- 280,055	-1.1	Natural Sciences	41.7%	38.9%
2,696,723	17.2	Health Sciences	26.7	29.6
762,075	7.4	Applied Sciences	17.7	17.9
545,509	8.2	Social Sciences	11.4	11.6
- 494,854	-36.6	Humanities	2.3	1.4
250,433	242.5	Other	0.2	0.6
$3,479,831	5.9%		100%	100%
		BY UNIVERSITY		
2,148,517	4.6	University of British Columbia	80.2%	79.2%
595,556	8.8	Simon Fraser University	11.6	11.9
735,758	15.3	University of Victoria	8.2	8.9
$3,479,831	5.9%		100%	100%
		TOTAL (ABOVE)	$58,582,898	$62,062,729

Historical summary appears in Table 12.

TABLE 3.2

RESEARCH AWARDS BY DISCIPLINE AND SOURCE OF FUNDS

Summary By University

(with 1982/83 figures for comparison)

DISCIPLINE / SOURCE	National Granting Councils	Federal Government	Provincial and Local Government	Canadian Companies & Foundations	U.S. and Other Foreign	University Budget	Total
UNIVERSITY OF BRITISH COLUMBIA							
Natural Sciences...	12,870,919	893,227	664,557	1,445,043	461,413	0	16,335,159
Health Sciences....	6,549,657	1,497,540	2,771,177	6,149,481	963,144	7,950	17,938,949
Applied Sciences...	4,876,753	3,017,778	1,106,708	846,214	90,422	0	9,937,875
Social Sciences....	2,362,293	987,245	125,417	742,312	124,250	153,160	4,494,677
Humanities.....	249,931	16,000	0	70,647	0	38,300	374,878
Other.....	52,340	2,000	4,536	0	0	0	58,876
TOTALS (83/84).....	26,961,893	6,413,790	4,672,395	9,253,697	1,639,229	199,410	49,140,414
TOTALS (82/83).....	26,194,867	5,534,889	5,332,398	7,633,395	2,097,128	199,220	46,991,897
SIMON FRASER UNIVERSITY							
Natural Sciences...	3,365,794	336,542	269,346	95,320	1,840	140,725	4,209,567
Health Sciences....	266,633	76,356	41,000	5,000	0	13,973	402,962
Applied Sciences...	521,218	0	97,810	0	60,400	34,865	714,293
Social Sciences....	929,802	428,456	144,336	210,996	30,000	164,617	1,908,207
Humanities.....	54,321	15,000	0	0	0	69,808	139,129
Other.....	0	0	0	0	0	0	0
TOTALS (83/84).....	5,137,768	856,354	552,492	311,316	92,240	423,988	7,374,158
TOTALS (82/83).....	4,820,265	487,495	588,683	139,567	175,914	566,678	6,778,602
UNIVERSITY OF VICTORIA							
Natural Sciences...	2,669,170	528,500	136,766	78,950	64,604	138,214	3,616,204
Health Sciences....	4,986	7,291	0	1,605	0	6,006	19,888
Applied Sciences...	348,893	57,926	0	19,080	24,100	9,494	459,493
Social Sciences....	334,737	198,151	54,801	21,819	4,000	200,057	813,565
Humanities.....	286,920	0	0	5,750	0	51,495	344,165
Other.....	131,906	120,817	1,200	0	4,865	36,054	294,842
TOTALS (83/84).....	3,776,612	912,685	192,767	127,204	97,569	441,320	5,548,157
TOTALS (82/83).....	3,501,369	260,533	353,395	79,850	69,970	547,282	4,812,399

PERCENT OF SYSTEM TOTAL

	UBC	SFU	UVIC	TOTAL
BY SOURCE				
National Granting Councils	43.44	8.28	6.09	57.81
Other Federal Government	10.34	1.38	1.47	13.19
Provincial & Local Government	7.53	0.89	0.31	8.73
Canadian Companies & Foundations	14.91	0.50	0.20	15.61
U.S. and Other Foreign	2.64	0.15	0.16	2.95
University Budget	0.32	0.68	0.71	1.71
	79.18	11.88	8.94	100%
BY DISCIPLINE				
Natural Sciences	26.32	6.78	5.83	38.93
Health Sciences	28.91	0.65	0.03	29.59
Applied Sciences	16.01	1.15	0.74	17.90
Social Sciences	7.24	3.08	1.31	11.63
Humanities	0.60	0.22	0.55	1.37
Other	0.10	-	0.48	0.58
	79.18	11.88	8.94	100%

Student Enrolment, Facilities and Finance

TABLE 4.1

FALL HEADCOUNT ENROLMENT

By Enrolment Status and University: Fall 1983

(with 1982 totals for comparison)

	UBC	SFU	UVIC	TOTAL 1983	TOTAL 1982	Change 1983 over 1982 Number	Change 1983 over 1982 Percent
UNDERGRADUATE:							
Full time	18,992	6,390	6,571	31,953	30,239	1,714	5.7
Part time	5,300	4,793	3,659	13,752	13,997	- 245	-1.8
	24,292	11,183	10,230	45,705	44,236	1,469	3.3
GRADUATE:							
Full time	2,811	1,096	629	4,536	4,164	372	8.9
Part time	1,214	400	490	2,104	2,058	46	2.2
	4,025	1,496	1,119	6,640	6,222	418	6.7
TOTAL:							
Full time	21,803	7,486	7,200	36,489	34,403	2,086	6.1
Part time	6,514	5,193	4,149	15,856	16,055	- 199	-1.2
	28,317	12,679	11,349	52,345	50,458	1,887	3.7

Historical summary appears in Table 9.

Note: Information for UBC and UVic reflects the enrolment status of registered students as at 1 December; for SFU the information is as at 1 October and covers students registered for the fall semester. Medical residents are included with undergraduate figures.

TABLE 4.2

GRADUATE HEADCOUNT ENROLMENT BY DEGREE SOUGHT AND DISCIPLINE

Fall 1983

(with 1982 totals for comparison)

	MASTER				DOCTORATE				GRADUATE TOTAL	
	UBC	SFU	UVIC	TOTAL	UBC	SFU	UVIC	TOTAL	1983	1982
Applied Sciences	490			490	157			157	647	529
Commerce & Administration	436	150	185	771	48		2	50	821	822
Education	876	349	469	1,694	134	13	19	166	1,860	1,718
Fine Arts	86		38	124	1		0	1	125	145
Health Sciences	193	32		225	74	12		86	311	284
Humanities & Social Sciences	483	395	226	1,104	274	161	42	477	1,581	1,542
Sciences	378	209	88	675	318	102	47	467	1,142	1,032
Social Professions	77	52		129		6		6	135	107
Interdisciplinary & Other		13	2	15		2	1	3	18	43
TOTAL HEADCOUNT (NOTE)	3,019	1,200	1,008	5,227	1,006	296	111	1,413	6,640	6,222
FULL TIME	1,918	827	526	3,271	893	269	103	1,265	4,536	4,164
PART TIME	1,101	373	482	1,956	113	27	8	148	2,104	2,058
FALL 1983	3,019	1,200	1,008	5,227	1,006	296	111	1,413	6,640	
FALL 1982	2,770	1,204	936	4,910	961	259	92	1,312		6,222

Note:
UBC students registered for degree programs in Librarianship, in Dentistry and in Medicine are included in undergraduate enrolment headcount, along with Medical residents.

TABLE 5

FULL TIME EQUIVALENT ENROLMENT
Entire Fiscal Year 1983/84
By Institution and Program
(with 1982/83 totals for comparison)

	UBC	SFU	UVIC	OLI	TOTAL 1983/84	TOTAL 1982/83	PERCENT INCREASE
UNDERGRADUATE							
(a) General							
Arts	5,896	2,707	2,940	545	12,088	11,903	
Education	2,298	1,109	1,017		4,424	4,800	
Fine Arts	110		479		589	551	
Home Economics	201				201	202	
Industrial Arts	56				56	59	
Interdisciplinary Studies		2,151			2,151	2,013	
Librarianship	107				107	112	
Music	270		156		426	417	
Physical Education/Recreation	503				503	476	
Science	4,238	1,044	1,997		7,279	6,941	
Social Work	108		106		214	189	
Unclassified and undeclared	705	73	1,123		1,901	1,762	
SUB-TOTAL	14,492	7,084	7,818	545	29,939	29,425	1.7
(b) Professional							
Agricultural Sciences	365				365	373	
Applied Science (excl. Nursing)	2,095	56			2,151	2,086	
Commerce	1,700	2,035			3,735	3,164	
Forestry	433				433	410	
Law	734		274		1,008	1,011	
SUB-TOTAL	5,327	2,091	274		7,692	7,044	9.2
(c) Health Sciences							
Dental Hygiene	40				40	40	
Dentistry	157				157	160	
Medicine	503				503	471	
Nursing	497		131		628	669	
Pharmaceutical Sciences	340				340	317	
Rehabilitation Medicine	114				114	127	
SUB-TOTAL	1,651		131		1,782	1,784	-
TOTAL UNDERGRADUATE	21,470	9,175	8,223	545	39,413	38,253	3.0
GRADUATE (Note)							
(d) General							
M.A. and similar	1,292	608	606		2,506	2,441	
M.Sc. and similar	383	257	79		719	623	
Doctoral	688	272	106		1,066	1,020	
SUB-TOTAL	2,363	1,137	791		4,291	4,084	5.1
(e) Professional							
M.A. and similar	358				358	379	
M.Sc. and similar	508				508	389	
Doctoral	205				205	160	
SUB-TOTAL	1,071				1,071	928	15.4
(f) Health Sciences							
M.Sc. and similar	164				164	145	
Doctoral	71				71	66	
Residents and interns	387				387	378	
SUB-TOTAL	622				622	589	5.6
TOTAL GRADUATE	4,056	1,137	791	-	5,984	5,601	6.8
GRAND TOTAL	25,526	10,312	9,014	545	45,397	43,854	3.5

Note: The 1982/83 graduate totals have been revised to reflect final SFU figures.

Historical summary appears in Table 10.

TABLE 6

UNIVERSITY DEBENTURED CAPITAL PROJECTS

Estimated Cost and Authorized Borrowing through BCEICFA*

Cumulative to March 1984

($000)

PROJECT	NAME	ESTIMATED COST	AUTHORIZED BORROWING Note	
UBC - 1	Aquatic Centre	1,000		1,000
- 2	Library Processing Centre	3,190		3,190
- 3	Home Economics	5,000		5,000
- 4	Nursing and Rehabilitation Medicine	3,736		4,110
- 5	Psychology	11,966		12,150
- 6	Public Works 1977/78	3,126		3,126
- 7	Building Renovations 1977/78	2,520		2,520
- 8	Health Sciences Centre	33,112		33,112
- 9	Labor Intensive Capital Projects 78/79	5,122		5,122
-10	Asian Centre	3,526		3,592
-11	Parkade - Acute Care Unit	3,605		3,605
-12	TRIUMF I	2,565		2,565
-12A	TRIUMF II	4,910		4,910
-13	Public Works and Renovations 1979/80	4,766		4,766
-14	Public Works and Renovations 1980/81	5,538		5,538
-15	Acute Care Equipment	3,085		3,085
-16	Chemistry/Physics	11,000		660
-19	Public Works and Renovations 1981/82	6,400		6,400
-20	Physical Plant I	6,500		390
-21	Laurel II	2,900		174
-22	Major Equipment 1981/82	3,500		3,500
-23	Clinical Medicine	4,904		294
-24	Public Works and Renovations 1982/83	2,000		2,000
-25	Pulp and Paper Centre	6,000	(360)	360
-26	St. Paul's Hospital II	5,148	(5,148)	5,148
-27	Public Works and Renovations 1983/84	2,600	(2,600)	2,600
	SUBTOTAL: UBC	147,719	(8,108)	118,917
SFU - 1	Multi-Purpose Complex	8,600		7,775
- 2	Teaching and Laboratory Complex	11,455		11,455
- 3	Public Works 1977/78	1,080		1,080
- 4	Building Renovations 1977/78	1,515		1,515
- 5	Labour Intensive Projects 1978/79	810		810
- 7	Public Works and Renovations 1979/80	2,494		2,494
- 8	Public Works and Renovations 1980/81	2,250		2,250
- 9	Central Mall Extension	1,580		1,580
-10	Ring Road	6,004		6,004
-11	Multi-Purpose Complex Extension	6,106	(182)	6,106
-12	Public Works and Renovations 1981/82	3,596		3,596
-13	West Mall I	10,000		600
-14	Major Equipment 1981/82	750		750
-15	Public Works and Renovations 1982/83	1,000		1,000
-16	Public Works and Renovations 1983/84	680	(680)	680
	SUBTOTAL: SFU	57,920	(862)	47,695
UVIC- 1	Clearihue 3rd Wing	885		885
- 2	MacLaurin Music Wing	3,542		3,542
- 3	Clearihue 4th Wing	3,000	(-600)	3,000
- 4	Law Building	6,580		6,580
- 5	Visual Arts Building	619		619
- 6	Public Works 1977/78	500		500
- 7	Building Renovations 1977/78	430		430
- 8	Labour Intensive Projects 1978/79	665		665
- 9	Academic Theatre	4,560		4,560
-10	Public Works and Renovations 1979/80	2,075		2,075
-11	Science and Engineering Complex	15,283		720
-12	Public Works and Renovations 1980/81	1,000		1,000
-14	Public Works and Renovations 1981/82	1,885		1,885
-16	CBC Building	300		300
-17	Major Equipment 1981/82	750		750
-18	Public Works and Renovations 1982/83	1,600	(600)	1,600
-19	Public Works and Renovations 1983/84	720	(720)	720
	SUBTOTAL: UVIC	44,394	(720)	29,831
	SYSTEM TOTAL	250,033	(9,690)	196,443

Note:
Figures in parenthesis, included in the authorized borrowing total, represent amounts authorized in 1983/84.
Historical summary appears in Table 17
*B.C. Educational Institutions Capital Financing Authority

TABLE 7

SPACE INVENTORY
1982/83

When non-assignable space (e.g. circulation aisles, washrooms, mechanical areas), residences, animal space, health science clinical facilities, etc. are excluded to enhance comparability for the purposes of the Universities Council, the space inventory of each university is as follows:

UNIVERSITY	NET ASSIGNABLE SQUARE FEET	PERCENT
UBC	3,637,000	65%
SFU	929,000	17%
UVIC	1,001,000	18%
SYSTEM	5,567,000	100%

AGE PROFILE (PERCENTAGE COMPOSITION)

AGE (YEARS)	UBC	SFU	UVIC	SYSTEM
0 - 9	17.4	28.4	44.9	24.2
10 - 19	40.4	71.6	45.4	46.5
20 - 29	17.4	0	1.7	11.7
30 - 39	15.1	0	0	9.8
40 - 49	1.7	0	8.0	2.5
50+	8.0	0	0	5.2
TOTAL	100.0	100.0	100.0	100.0

PROFILE BY SPACE CATEGORY (PERCENTAGE COMPOSITION)

SPACE CATEGORY	UBC	SFU	UVIC	SYSTEM
Classroom Facilities	10.6	8.2	9.9	10.0
Laboratory - Undergraduate	13.9	15.4	14.6	14.3
- Research	18.6	13.3	6.3	15.5
Instructional Office and Related	16.7	16.7	15.3	16.5
Library and Study Facilities	14.0	12.0	17.9	14.3
Recreation/Athletic Space	5.9	7.7	8.2	6.6
Food Service	2.1	3.8	5.5	3.0
Bookstore and Other Merchandising	.3	1.5	1.3	0.7
Plant Maintenance	2.1	1.8	2.1	2.1
Administrative Office and Related	8.3	6.6	7.8	7.9
Audio-Visual/Television Facilities	.8	1.0	.7	0.8
Central Services	.8	2.5	2.0	1.3
Health Service Facilities	.3	.7	.4	0.3
Common use and Student Activity	3.0	4.5	4.4	3.5
Assembly and Exhibition	2.2	2.8	3.4	2.5
Day Care	.5	1.5	0.3	0.6
TOTAL	100.0	100.0	100.0	100.0

TABLE 8.1

OPERATING GRANTS REQUESTED, RECOMMENDED AND PROVIDED

Fiscal Year:	1982/83	1983/84	1984/85 (note 1)
GENERAL PURPOSE OPERATING GRANT			
Requested by universities	$332,304,227*	$376,365,468	$351,612,986
Recommended by Council	$329,600,000*	$355,000,000	note 2
Provided by Government	$300,993,292°	$300,993,292	note 3

*Excluding medical school expansion.

°Final figure after $12 million reduction in September 1982 and including funds transferred from Operating Grants (Other) for medical school expansion.

Notes:

1. The 1984/85 budget submission of the institutions and Council's funding recommendation occur prior to March 31, 1984. The amount approved by Government for 1984/85 remained unknown at the end of 1983/84.
2. The 1983/84 level of the grant ($300,993,292) plus an adjustment allowance for natural growth in enrolment and the application of a realistic inflation allowance.
3. Late in November 1983, the universities were advised by the Minister to anticipate an operating grant in fiscal 1984/85 equal to 94 percent of the operating grant in 1983/84.

OPERATING GRANTS (OTHER)

The universities vote also includes the subvote Operating Grants (Other) as contributions for the development of university programs in non-metropolitan areas of British Columbia and for extension and other university programs requiring specialized funding.

	1982/83	1983/84
Provided by Government		
Ministry designated grants for:		
Universities	8,808,000	6,390,000**
Open Learning Institute	1,955,000	1,860,000
	10,763,000	8,250,000
Other institutions, activities and projects	3,390,233	4,018,357
Total	$14,153,233	$12,268,357**

**Plus $1,250,000 in 1983/84 for operating equipment; previously provided from the capital support subvote.

Historical summary of the General Purpose Operating Grant appears in Table 13.

TABLE 8.2

OPERATING GRANTS BY INSTITUTION
Fiscal Year 1983/84

TOTAL		UBC	SFU	UVIC	OLI
$300,993,292	GENERAL PURPOSE OPERATING GRANT	$180,712,913	$66,564,717	$53,715,662	
	OPERATING GRANTS (OTHER) Ministry designated for:				
1,860,000	Open Learning Institute (for university level programs)				$1,860,000
2,500,000	Non-metropolitan programs	833,334	833,333	833,333	
450,000	Knowledge Network utilization	150,000	150,000	150,000	
690,000	David Thompson University Centre (for UVic courses)			690,000	
2,750,000	Engineering expansion project	750,000	500,000	1,500,000	
1,250,000	Operating equipment	750,000	275,000	225,000	
9,500,000		2,483,334	1,758,333	3,398,333	1,860,000
$310,493,292		$183,196,247	$68,323,050	$57,113,995	$1,860,000

Historical Summaries

FALL HEADCOUNT ENROLMENT

TABLE 9

Reference: British Columbia Forecasting Committee (BCFC) and annual enrolment reports filed with UCBC

	1975	1976	1977	1978	1979	1980	1981	1982	1983
FULL TIME									
UBC	18,090	18,218	17,988	17,254	17,198	17,426	17,544	18,074	18,992
SFU	5,140	5,461	5,281	5,503	5,320	5,534	5,673	6,003	6,390
UVIC	5,222	5,091	4,940	4,908	5,090	5,204	5,811	6,162	6,571
Undergraduate	28,452	28,770	28,209	27,665	27,608	28,164	29,028	30,239	31,953
UBC	1,990	2,161	2,120	2,067	2,270	2,353	2,447	2,614	2,811
SFU	724	717	659	705	809	855	849	986	1,096
UVIC	289	279	262	337	382	425	448	564	629
Graduate	3,003	3,157	3,041	3,109	3,461	3,633	3,744	4,164	4,536
Total.....	31,455	31,927	31,250	30,774	31,069	31,797	32,772	34,403	36,489
PART TIME									
UBC	3,961	4,131	4,513	5,029	5,204	5,313	5,596	5,504	5,300
SFU	2,045	2,490	2,746	3,139	3,338	4,119	4,427	4,730	4,793
UVIC	1,664	1,784	1,953	2,243	2,582	2,833	3,200	3,763	3,659
Undergraduate	7,670	8,405	9,212	10,411	11,124	12,265	13,223	13,997	13,752
UBC	769	757	852	1,005	1,025	1,087	1,064	1,117	1,214
SFU	286	276	330	355	313	366	475	477	400
UVIC	209	306	252	258	308	416	489	464	490
Graduate	1,264	1,339	1,434	1,618	1,646	1,869	2,028	2,058	2,104
Total.....	8,934	9,744	10,646	12,029	12,770	14,134	15,251	16,055	15,856
TOTAL HEADCOUNT*	40,389	41,671	41,896	42,803	43,839	45,931	48,023	50,458	52,345

*Information for UBC and UVic reflects the enrolment status of students registered as at 1 December; for SFU the information is as at 1 October and covers students registered for the fall semester.

FULL TIME EQUIVALENT ENROLMENT

TABLE 10.1

Entire Fiscal Year

Undergraduate and Graduate by Program of Registration

Reference: Annual enrolment reports filed with UCBC

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
UNDERGRADUATE									
. General programs*		28,294	27,657	27,019	27,096	27,812	29,137	29,425	29,939
. Professional programs		4,631	4,881	5,037	5,196	5,346	5,465	7,044°	7,692
. Health Sciences		1,440	1,490	1,565	1,585	1,616	1,730	1,784	1,782
	34,038	34,365	34,028	33,621	33,877	34,774	36,332	38,253	39,413
Percent of Total	89.6	89.2	89.5	88.9	88.0	87.5	87.4	87.2	86.8
GRADUATE									
. General programs		3,017	2,949	3,073	3,324	3,556	3,735	4,084	4,291
. Professional programs		598	613	652	742	789	830	928	1,071
. Health Sciences		525	444	483	540	605	648	589	622
	3,932	4,140	4,006	4,208	4,606	4,950	5,213	5,601	5,984
Percent of Total	10.4	10.8	10.5	11.1	12.0	12.5	12.6	12.8	13.2
TOTAL									
. General programs		31,311	30,606	30,092	30,420	31,368	32,872	33,509	34,230
. Professional programs		5,229	5,494	5,689	5,938	6,135	6,295	7,972	8,763
. Health Sciences		1,965	1,934	2,048	2,125	2,221	2,378	2,373	2,404
	37,970	38,505	38,034	37,829	38,483	39,724	41,545	43,854	45,397

*Figures include students registered in the BA degree program of the Open Learning Institute commencing with 79/80.

°Figure includes 1,424 FTE students registered in the Business Administration program at SFU. Prior to the establishment of the separate faculty of Business Administration at SFU in September 1982, the students registrations were included in general programs.

+Figures include medical residents and interns.

Detail for the latest fiscal year appears in Table 5.

FULL TIME EQUIVALENT ENROLMENT
Entire Fiscal Year
Undergraduate and Graduate by Institution

TABLE 10.2

Reference: Annual enrolment reports filed with UCBC

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
UNDERGRADUATE									
UBC	20,585	20,700	20,569	19,952	19,836	19,937	20,207	20,753	21,470
SFU	7,190	7,538	7,468	7,624	7,521	8,011	8,377	9,011	9,175
UVIC	6,263	6,127	5,991	6,045	6,384	6,607	7,284	7,904	8,223
	34,038	34,365	34,028	33,621	33,741	34,555	35,868	37,668	38,868
OLI					136	219	464	585	545
GRADUATE									
UBC*	2,785	2,976	2,923	2,990	3,256	3,470	3,644	3,829	4,056
SFU	755	778	712	771	843	886	937	1,055	1,137
UVIC	392	386	371	447	507	594	632	717	791
	3,932	4,140	4,006	4,208	4,606	4,950	5,213	5,601	5,984
TOTAL									
UBC	23,370	23,676	23,492	22,942	23,092	23,407	23,851	24,582	25,526
SFU	7,945	8,316	8,180	8,395	8,364	8,897	9,314	10,066	10,312
UVIC	6,655	6,513	6,362	6,492	6,891	7,201	7,916	8,621	9,014
	37,970	38,505	38,034	37,829	38,347	39,505	41,081	43,269	44,852
OLI					136	219	464	585	545
					38,483	39,724	41,545	43,854	45,397

*Graduate figures for UBC include medical residents and interns.

Detail for the latest fiscal year appears in Table 5.

FULL TIME EQUIVALENT ENROLMENT
Entire Fiscal Year
Unweighted and Weighted

TABLE 10.3

Reference: Enrolment information and reports filed with UCBC (see notes)

	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
UNWEIGHTED FTE									
UBC	23,370	23,676	23,492	22,942	23,092	23,407	23,851	24,582	25,526
SFU	7,945	8,316	8,180	8,395	8,364	8,897	9,314	10,066	10,312
UVIC	6,655	6,513	6,362	6,493	6,891	7,201	7,916	8,621	9,014
	37,970	38,505	38,034	37,829	38,347	39,505	41,081	43,269	44,852
OLI					136	219	464	585	545
					38,483	39,724	41,545	43,854	45,397
WEIGHTED FTE									
UBC	45,494	46,588	46,107	45,408	46,442	47,466	48,701	50,591	52,679
SFU	12,798	13,487	13,150	13,591	13,772	14,644	15,464	17,200	18,102
UVIC	10,443	10,338	10,293	10,641	11,354	11,882	13,124	14,514	15,320
	68,735	70,413	69,550	69,640	71,568	73,992	77,289	82,305	86,101
OLI (not applicable)									
Ratio Weighted to Unweighted FTE (System average excluding OLI)	1.810	1.829	1.829	1.841	1.866	1.873	1.881	1.902	1.920

Notes:

1. Weighted FTE figures reflect a UCBC system of differential program weights appropriately applied to each student's declared program of registration. The weights adjust, in a broad way, for programs which are more costly to provide.
2. Weighted FTE figures for SFU after 81/82 include the effect of a reclassification of arts students to commerce, coincident with the establishment of their Faculty of Business Administration in September 1982.
3. UBC figures include enrolments associated with the medical undergraduate expansion project, commencing with 78/79.

DEGREES CONFERRED

TABLE 11

Reference: University Calendar (UBC); University Fact Book (SFU)(UVic); University reports filed with UCBC

For academic year ending in:	1976	1977	1978	1979	1980	1981	1982	1983	1984
UBC	4,491	4,321	4,528	4,642	4,605	4,373	4,438	4,546	4,776
SFU	902	996	1,106	1,153	1,297	1,352	1,332	1,377	1,612
UVIC	931	1,019	1,173	1,089	1,137	1,237	1,357	1,564	1,612
TOTAL	6,324	6,336	6,807	6,884	7,039	6,962	7,127	7,487	8,000
BACHELOR AND FIRST PROFESSIONAL									
UBC	3,684	3,589	3,762	3,811	3,796	3,561	3,573	3,626	3,830
SFU	766	815	931	1,004	1,081	1,177	1,186	1,164	1,374
UVIC	837	894	1,054	970	1,006	1,048	1,165	1,314	1,375
SUBTOTAL	5,287	5,298	5,747	5,785	5,883	5,786	5,924	6,104	6,579
MASTER									
UBC	645	600	629	679	665	670	735	801	812
SFU	112	157	161	128	184	154	121	191	208
UVIC	82	120	109	109	121	182	174	238	224
SUBTOTAL	839	877	899	916	970	1,006	1,030	1,230	1,244
DOCTORATE									
UBC	162	132	137	152	144	142	130	119	134
SFU	24	24	14	21	32	21	25	22	30
UVIC	12	5	10	10	10	7	18	12	13
SUBTOTAL	198	161	161	183	186	170	173	153	177

Notes:

1. Annual figures cover the spring, and where applicable, the previous fall convocations.
2. Figures exclude diplomas and certificates.
3. Master and Doctorate degrees generally relate to students registered in the faculties of graduate studies. Master degrees include those in Librarianship. Doctor of Dental Medicine (D.M.D.) and Doctor of Medicine (M.D.) degrees are included as first professional degrees.

Detail for the latest year appears in Table 2.

RESEARCH AWARDS

TABLE 12

Reference: University reports filed with UCBC and with the Secretariat on Science, Research and Development.

	77/78	78/79	79/80	80/81	81/82	82/83	83/84
BY FUNDING SOURCE							
National Granting Councils	$14,309	$16,724	$18,927	$23,615	$26,721	$34,517	$35,876
Other Federal Agencies	3,102	3,935	4,588	4,575	6,521	6,283	8,183
Provincial & Local Governments	1,284	2,531	6,256	9,943	11,290	6,274	5,417
Canadian Companies & Foundations	4,883	5,254	5,234	6,605	8,323	7,853	9,692
U.S. and Other Foreign	1,252	1,828	2,043	2,227	2,033	2,343	1,829
University Budget	780	1,165	1,490	1,741	2,007	1,313	1,065
Total ($'000)	$25,610	$31,437	$38,538	$48,706	$56,895	$58,583	$62,062
BY DISCIPLINE							
Natural Sciences	$10,414	$13,277	$16,212	$20,011	$22,576	$24,441	$24,161
Health Sciences	6,873	8,153	10,177	12,429	15,185	15,665	18,362
Applied Sciences	4,080	4,772	5,749	9,074	10,532	10,350	11,111
Social Sciences	3,770	4,738	5,642	5,851	6,962	6,671	7,216
Humanities	473	450	586	951	1,246	1,353	858
Other			172	390	394	103	354
Total ($'000)	$25,610	$31,437	$38,538	$48,706	$56,895	$58,583	$62,062
BY UNIVERSITY							
University of British Columbia	$21,073	$25,871	$31,311	$39,326	$44,931	$46,992	$49,140
Simon Fraser University	2,617	3,264	4,096	5,259	7,003	6,779	7,374
University of Victoria	1,920	2,302	3,131	4,121	4,961	4,812	5,548
SYSTEM ($'000)	$25,610	$31,437	$38,538	$48,706	$56,895	$58,583	$62,062

Notes:

1. The above total may not agree with those previously reported due to the late inclusion of corrected figures.
2. The other discipline category was introduced in 79/80 to accommodate the reporting of general research grants. Natural Science figures for 79/80 have been restated to include grants for TRIUMF, initially included as Other.

Detail for the latest fiscal year appears in Table 3.

GENERAL PURPOSE OPERATING GRANT: REQUESTS AND ALLOCATIONS

TABLE 13

FISCAL YEAR	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
GRANT REQUEST (BY UNIVERSITIES)									
UBC	$ 99,442,531	$127,708,689	$129,804,130	$135,025,330	$134,226,633	$152,147,771	$169,214,750	$212,711,874*	$231,528,697
SFU	35,003,419	44,427,000	46,764,000	41,546,000	51,256,000	59,932,613	64,202,676	73,145,183	81,393,249
UVIC	27,242,911	35,947,018	36,934,255	37,953,155	40,259,267	42,334,153	49,793,002	59,207,040	63,443,522
TOTAL	161,688,911	208,082,707	213,502,385	222,524,485	225,741,900	254,414,537	283,210,428	345,064,097	376,365,468
GRANT APPROVED/ ALLOCATED									
UBC	91,988,957	103,920,766	111,315,322	122,286,000	131,831,768	143,323,783	161,781,475	180,712,913*	180,712,913
SFU	33,044,195	37,738,520	41,234,407	44,131,000	48,522,954	54,317,986	61,324,884	66,564,717	66,564,717
UVIC	25,166,848	28,740,714	31,950,271	34,161,000	36,871,075	41,970,156	48,606,401	53,715,662	53,715,662
TOTAL	$150,200,000	$170,400,000	$184,500,000	$200,578,000	$217,225,797	$239,611,925	$271,712,760	$300,993,292*	$300,993,292
% ALLOCATED OF REQUEST	92.8%	81.9%	86.4%	90.8%	96.2%	94.2%	95.9%	87.2%	80.0%
UBC	92.5	81.4	85.8	91.4	98.2	94.2	95.6	85.0	78.1
SFU	94.4	84.9	88.2	89.7	94.7	90.6	95.5	91.0	75.5
UVIC	92.3	79.9	86.5	90.0	91.6	99.7	97.6	90.7	84.7
% OF TOTAL ALLOCATED									
UBC	61.2	61.0	60.3	61.0	60.7	59.8	59.5	60.0	60.0
SFU	22.0	22.1	22.4	22.0	22.3	22.7	22.6	22.1	22.1
UVIC	16.8	16.9	17.3	17.0	17.0	17.5	17.9	17.9	17.9

*Grant figures for 82/83 are after the grant reduction of $12 million. The grant for the medical undergraduate expansion project at UBC is excluded prior to 1982/83.

*Restated to include medical undergraduate expansion project: request $12,759,870; funding $8,342,405.

UNIVERSITY OPERATING GRANTS
And Grant Per Weighted FTE Student
(Constant 1983 Dollars)

TABLE 14

Fiscal year (Note)	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
GENERAL PURPOSE OPERATING GRANT ('000)	$150,200	$170,400	$184,500	$200,578	$217,226	$239,612	$271,712	$300,993	$300,993
OPERATING GRANTS (OTHER)									
Medical expansion project			337	1,399	1,371	3,000	8,248		
Non-metropolitan programs		200	1,299	1,763	2,535	1,000	3,807	3,714	2,500
Knowledge Network utilization							360	450	450
David Thompson University Centre (UVic courses)					354	400	649	725	690
Engineering expansion project							1,500	2,000	2,750
Operating equipment*			1,600*	2,000*	3,700*	3,000*	3,000*	2,000*	1,250
TOTAL GRANTS (Current $'000)	150,200	170,600	187,736	205,740	225,186	247,012	289,276	309,882	308,633
Consumer Price Index (Vancouver) - July 1981 = 100	[59.2]	[64.7]	[69.2]	[74.8]	[80.5]	[88.0]	[100.5]	[111.2]	[117.4]
TOTAL GRANTS (1983 $)	298,370	310,086	319,043	323,463	328,967	337,775	338,496	327,717	308,633
WEIGHTED FTE STUDENTS	68,735	70,413	69,550	69,640	71,568	73,992	77,289	82,305	86,101
Grants per Weighted FTE STUDENT (Constant 1983 $)	$4,341	$4,404	$4,587	$4,645	$4,596	$4,565	$4,380	$3,982	$3,585
Annual change %		+1.5%	+4.2%	+1.3%	-1.1%	-0.7%	-4.1%	-9.1%	-10.0%

Note: Figures for 82/83 and prior years have been restated for consistency with the 83/84 presentation.
*Prior to 1983/84, funding was provided through the Capital Support subvote.

UNIVERSITY GENERAL PURPOSE OPERATNG FUNDS BY SOURCE

TABLE 15

Reference: University Audited Financial Statements (see notes)
Figures for 83/84 are preliminary

FISCAL YEAR	75/76	76/77	77/78	78/79	79/80	80/81	81/82	82/83	83/84
UBC	$105,735	$119,049	$128,627	$140,805	$151,920	$165,212	$189,151	$213,016	$213,909
SFU	36,902	41,926	46,000	49,720	54,749	61,695	70,764	77,988	78,710
UVIC	28,606	32,203	36,024	38,553	42,315	47,986	57,022	63,493	65,150
TOTAL ($'000)	171,243	193,178	210,651	229,078	248,984	274,893	316,937	354,497	357,769
SOURCE OF FUNDS (Amount)									
Operating Grant	150,200	170,400	184,500	200,578	217,226	239,321	271,763	300,893	301,034
Student Fees	18,860	19,564	23,469	24,633	25,571	28,439	33,185	43,416	48,336
Investment Income	1,779	2,674	2,163	3,219	5,588	6,318	11,146	9,051	6,631
Miscellaneous	404	540	519	648	599	815	843	1,137	1,768
TOTAL ($'000)	$171,243	$193,178	$210,651	$229,078	$248,984	$274,893	$316,937	$354,497	$357,769
(Percentage)									
Operating Grant	87.7%	88.2%	87.6%	87.6%	87.3%	87.1%	85.7%	84.9%	84.1%
Student Fees	11.0	10.1	11.1	10.7	10.3	10.3	10.5	12.2	13.5
Investment Income	1.1	1.4	1.0	1.4	2.2	2.3	3.5	2.6	1.9
Miscellaneous	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.5
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Notes:

1. Since 1979/80, services revenues have been reported as an expense reduction or recovery rather than as a source of revenue. For reporting consistency, figures prior to 1979/80 have been restated to remove services revenues.
2. UBC audit statement figures for 1981/82 and 1982/83 have been restated to include continuing education and related university extension activities and figures for 1982/83 have also been restated to include funding for the medical undergraduate expansion project. UVic miscellaneous and student fee figures prior to 1979/80 have been restated for consistency.
3. Student fees include amounts for credit courses, continuing education programs, seminars and university extension activities to the extent they are included in general purpose operating funds.
4. Amounts reported are before interfund transfers.

UNIVERSITY EXPENDITURES: GENERAL OPERATING AND OTHER FUNDS
British Columbia Universities

TABLE 16

Source
Statistics Canada: University Finance Trend Analysis
Financial Statistics of Universities and Colleges

	AMOUNT ($'000)						PERCENT					
	77/78	78/79	79/80	80/81	81/82	82/83	77/78	78/79	79/80	80/81	81/82	82/83
GENERAL OPERATING												
Instruction and non-sponsored research	$137,252	$148,941	$163,889	$184,131	$207,314	$231,110	66.5	66.6	66.9	66.4	67.4	66.7
Library	17,287	17,886	19,404	22,332	24,416	27,129	8.4	8.0	7.9	8.0	7.9	7.8
Computing	6,984	7,397	9,732	11,719	10,817	12,082	3.4	3.3	4.0	4.2	3.5	3.5
Administration and general	12,512	13,858	15,477	17,375	19,493	21,269	6.1	6.2	6.3	6.3	6.3	6.2
Physical plant	25,157	27,901	28,257	32,740	35,372	40,963	12.2	12.5	11.5	11.8	11.5	11.8
Student services	7,295	7,499	8,044	9,162	10,222	13,935	3.5	3.4	3.3	3.3	3.3	4.0
	$206,487	$223,482	$244,803	$277,459	$307,634	$346,488	100	100	100	100	100	100
ALL FUNDS												
. General operating	$206,487	$223,482	$244,803	$277,459	$307,634	$346,488	72.4	71.7	70.1	65.6	63.9	66.0
. Trust and endowment	11,963	13,999	14,951	20,502	26,478	32,036	4.2	4.5	4.3	4.8	5.5	6.1
. Sponsored research	25,188	28,120	34,900	41,934	51,426	56,945	8.8	9.0	10.0	9.9	10.7	10.9
. Ancillary enterprises	19,372	21,409	24,314	28,623	32,975	36,042	6.8	6.9	7.0	6.8	6.8	6.9
. Capital	22,097	24,782	29,918	54,383	62,737	53,000	7.8	7.9	8.6	12.9	13.0	10.1
	$285,107	$311,792	$348,946	$422,901	$481,250	$524,511	100	100	100	100	100	100

Notes:

The trend analysis draws on financial information provided through the annual survey of member institutions of the Canadian Association of University Business Officers (CAUBO). It sets out by province historical trend information by the various fund groupings as defined by CAUBO. The general operating fund above essentially parallels the general purpose operating fund categorization in the B.C. universities' audited financial statements and these expenditures are amplified by function. The other fund expenditures appear in summary to provide an indication of the overall level of university activities and expenditures.

Since the latest available figures are 1981/82 in the trend analysis, the updated information is based on reports 2.2A and 2.3A contained in the February 1984 publication of Financial Statistics of Universities and Colleges 1982-1983.

The UBC medical undergraduate expansion project is excluded from general operating funds and reported with trust and endowment. In 1982/83 these expenditures exceeded $8 million.

AUTHORIZED UNIVERSITY CAPITAL BORROWINGS

TABLE 17

In 1977/78, the provincial government introduced a system of debenture financing of university capital projects, largely replacing the previous system of cash grants. Most university capital projects are now being financed with money borrowed from the British Columbia Educational Institutions Capital Financing Authority (BCEICFA) over a twenty year term.

Under the Capital Financing Authority system, borrowing for a project is usually authorized in two stages: a planning stage and a construction stage. Hence the authorized borrowing for a project may, for a time, be well below the estimated final cost.

CUMULATIVE TOTALS: MARCH	1980	1981	1982	1983	1984	1984 PERCENT
SYSTEM ($'000)						
Estimated Costs	$128,420	$166,027	$215,693	$234,701	$250,033	
Authorized Borrowings	$115,115	$134,625	$179,282	$186,753	$196,443	100%
BY UNIVERSITY:						
UBC						
Estimated Cost	78,710	99,301	126,325	133,969	147,719	
Authorized Borrowings	66,230	80,282	106,719	110,809	118,917	61%
SFU						
Estimated Cost	26,254	35,270	54,977	57,058	57,920	
Authorized Borrowings	25,429	29,467	44,752	46,833	47,695	24%
UVIC						
Estimated Cost	23,456	31,456	34,391	43,674	44,394	
Authorized Borrowings	23,456	24,876	27,811	29,111	29,831	15%

Notes:
1. Refer to Table 6 for detail by project for each university.
2. Prior to 1983, some late borrowing authorizations are not reported until the subsequent year.

INTERPROVINCIAL COMPARISONS
(Selected Indicators)

TABLE 18

Source: Interprovincial Comparisons of University Financing*

		74/75	75/76	76/77	77/78	78/79	79/80	80/81	81/82
OPERATING GRANT PLUS STUDENT AID EXPRESSED AS A PERCENTAGE OF GROSS GENERAL (GOVERNMENT) EXPENDITURES (Note)									
British Columbia	(%)	4.87	4.64	5.08	5.01	5.01	4.73	4.30	4.82
Canada	(%)	4.99	5.01	5.00	5.01	4.87	4.65	4.58	4.64
British Columbia's rank relative to other provinces		6th	7th	4th	3rd	3rd	5th	6th	3rd
British Columbia's statistics expressed as a percentage of Canada		98%	93%	102%	100%	103%	102%	94%	104%
OPERATING GRANT EXPRESSED PER $1,000 OF PROVINCIAL PERSONAL INCOME:									
British Columbia	($)	9.78	10.68	10.62	10.61	10.52	9.93	9.55	9.63
Canada	($)	11.24	11.86	11.72	11.87	11.61	11.29	11.19	10.69
British Columbia's rank relative to other provinces		9th	9th	9th	9th	9th	9th	9th	9th
British Columbia's statistics expressed as a percentage of Canada		87%	90%	91%	89%	91%	88%	85%	90%

*Fifth Report of the Tripartite Committee, January 1984. Since expenditures of special funds are often treated differently in the various provincial public accounts, the Gross General Expenditure as developed by Statistics Canada has been used to make provincial government expenditure data comparable among provinces.

POOR

QUALITY

ORIGINAL